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Logic & Robotics

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ABSTRACT OF THE TALK

At the beginning of the 21th century, *Mathematical Logic* is a very robust and powerful mathematical instrument, comparable with the *Mathematical Analysis*.

But, unlike *Mathematical Analysis*, *Mathematical Logic* was applied essentially inside the Mathematics. Nevertheless, this is only a (historical) tradition.

In this seminar we present some possible applicative uses of *Mathematical Logic* devoted to Robotics, declined with respect to some different degrees of abstraction and generality.